



Suspension of ASI During Deployment (SADD) Analysis

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SADD Analysis Background

- SUBLANT Boats Do Not Process ASIs During Deployments
 - SUBLANT Processes ASIs Ashore Pre and Post Deployment
- NAVICP/NSLC Tasked to Perform Analysis:
 - Effectiveness Impact on Submarines
 - Potential Application for Surface FLeet



SADD Analysis Part 1

- SUBLANT Analysis:
 - Effectiveness Before and After SADD Implementation
 - Allowance Effectiveness Improved .5%
 - Compared with SUBPAC over Same Period
 - SUBPAC (w/o SADD) Improved .9%
- SADD Process Appears to Have Little Impact on Allowance Effectiveness



SADD Analysis Part 2

- Surface Fleet Analysis:
 - Selected 1 PAC and 1 LANT Battle Group
 - PAC Abraham Lincoln (Deployed: 17 AUG 00 to 09 FEB 01)
 - LANT George Washington (Deployed 21 JUN 00 to 22 DEC 00)
 - Calculated Allowance Effectiveness:
 - Actual Achieved Effectiveness
 - Best Case All Ships Processed All Available ASIs
 - SADD: Ships Did not Process Any ASIs while deployed

SADD Analysis Part 2

Results:

- Compared to Actual Allowance Effectiveness Achieved

- Best Case:

- PAC Improves .01%
- LANT Improves .05%

- SADD Implemented

- PAC Decreases .43%
- LANT Decreases .18%





SADD Analysis Part 3

- Identify R Trigger Volume at 30 Day Intervals Throughout Deployment
 - Thesis: Volume would be Maximum Prior to and Shortly After Deployment, Trailing off During Deployment with Gradual Increase Late in Deployment As a Result of Planning Data
- Results: No Discernible Pattern to Match Thesis

